

Title (en)  
LOW POWER TISSUE ABLATION SYSTEM

Title (de)  
NIEDERSTROM-GEWEBEABLATIONSSYSTEM

Title (fr)  
SYSTEME D'ABLATION DE TISSU A FAIBLE CONSOMMATION D'ENERGIE

Publication  
**EP 1909679 A4 20110928 (EN)**

Application  
**EP 06786979 A 20060711**

Priority  
• US 2006027003 W 20060711  
• US 69835505 P 20050711

Abstract (en)  
[origin: WO2007008954A2] Devices, systems and methods are disclosed for the ablation of tissue. Embodiments include an ablation catheter that has an array of ablation elements attached to a deployable carrier assembly. The carrier assembly can be constrained within the lumen of a catheter, and deployed to take on an expanded condition. The carrier assembly includes multiple electrodes that are configured to ablate tissue at low power. Additional embodiments include a system that includes an interface unit for delivering one or more forms of energy to the ablation catheter.

IPC 8 full level  
**A61B 18/14** (2006.01)

CPC (source: EP US)  
**A61B 18/1492** (2013.01 - EP US); **A61B 2017/00084** (2013.01 - EP US); **A61B 2017/00243** (2013.01 - EP US);  
**A61B 2018/00214** (2013.01 - EP US); **A61B 2018/00351** (2013.01 - EP US); **A61B 2018/00666** (2013.01 - EP US);  
**A61B 2018/00898** (2013.01 - EP US); **A61B 2018/1467** (2013.01 - EP US); **A61B 2018/1475** (2013.01 - EP US)

Citation (search report)  
• [XY] US 2005119647 A1 20050602 - HE DING S [US], et al  
• [Y] US 5545161 A 19960813 - IMRAN MIR A [US]  
• [X] US 5472441 A 19951205 - EDWARDS STUART D [US], et al  
• [X] WO 9901076 A1 19990114 - BRNCUS TECH INC [US], et al  
• [X] WO 9410922 A1 19940526 - EP TECHNOLOGIES [US]  
• See references of WO 2007008954A2

Cited by  
US10368936B2; US11389232B2; US10568576B2; US11154248B2; US10470826B2; US10918446B2; US11633238B2; US11690684B2;  
US11805974B2; US10722184B2; US10751006B2; US10758191B2; US11026637B2; US11026638B2; US10499986B2; US10820941B2;  
US10827977B2; US10828098B2; US10828093B2; US10828094B2; US10828096B2; US10828097B2; US10828095B2; US11076913B2;  
US11304751B2; US11331141B2; US11389231B2; US11399890B2; US11413091B2; US11432874B2; US11589821B2; US11633231B2;  
US11672485B2; US11751940B2; US11801091B2

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DOCDB simple family (publication)  
**WO 2007008954 A2 20070118; WO 2007008954 A3 20070510**; AU 2006268238 A1 20070118; CA 2615267 A1 20070118;  
EP 1909679 A2 20080416; EP 1909679 A4 20110928; EP 1909679 B1 20131120; US 2007083195 A1 20070412; US 2009182325 A1 20090716;  
US 2015005767 A1 20150101; US 8617156 B2 20131231; US 8834461 B2 20140916; US 9566113 B2 20170214

DOCDB simple family (application)  
**US 2006027003 W 20060711**; AU 2006268238 A 20060711; CA 2615267 A 20060711; EP 06786979 A 20060711;  
US 201414483869 A 20140911; US 34041408 A 20081219; US 48487806 A 20060711